AUTHOR INDEX

Volume 113

Andronopoulos, S., 321
Arnold, S., 427
Barlow, J.F., 369, 387
Bartzis, J.G., 321
Beggs, P.J., 287
Belcher, S.E., 369, 387
Bernhofer, C., 201
Ching, J.K.S., 111
De Wekker, S.F.J., 249
Dixon, N., 427
Doorschot, J.J.J., 347
Dupont, S., 111
Feigenwinter, C., 201
Finnigan, J.J., 1
Gioia, G., 187
Harman, I.N., 369, 387
Katul, G.G., 81
Kingdom, D.L., 287
Lacorata, G., 187
Lehning, M., 347
Määttänen, A., 305
Mahrt, L., 81
Marques Filho, E.P., 187
Maruyama, S., 273
Mazzino, A., 187
Miles, N.L., 161
Mobbs, S.D., 427
Nishikawa, T., 273
Nyeki, S., 249
Oost, E.M., 411
Oost, W.A., 411
Otte, M.J., 161
Otte, T.L., 111
Poggi, D., 81
Rizza, U., 187
Robins, A.G., 427
Ross, A.N., 427
Sakai, S., 273
Sanz, C., 81
Savijärvi, H., 305
Selkirk, P.M., 287
Steyn, D.G., 249
Venetsanos, A.G., 321
Vogt, R., 201
Vosper, S.B., 427
Vrouwe, A., 347
Wang, Q., 225
Wang, S., 225
Wohlfahrt, G., 43
Wyngaard, J.C., 161

SUBJECT INDEX

Volume 113

Advection, 201
Aerosol layer, 249
Aircraft observations, 225
Air-sea interaction, 411
Anemometry, Doppler, 427
Arctic boundary layer, 225
Atmospheric surface layer, 1, 305

BASE, 225
Boundary layer
  Clouds, 225
  Convective, 249
  Neutral, 321
  Urban, 111

Cabauw observations, 321
Canopy
  Forest, 201
  Mountain, 43
  Observations, 43, 81
  Rural, 111
  Turbulence, 81
  Urban, 111
CARBOEURO-FLUX, 201
Carbon dioxide
  Budget, 201
  Concentration, 43
  Flux, 43
  Profiles, 201
Carbon sequestration, 201
Closure model, 81, 321, 427
Clouds, 225
Convective
  Boundary layer, 249
  Instability, 273
Coordinate system, 1

Diurnal cycle, 305
Doppler anemometry, 427

Ekman layer, 321
Energy balance model, 387

Flow over a hill, 427
Flux
  Mass, 347
  Measurement, 1
  Turbulent, 1, 43
Fog, 273
Forests, 201

Heard Island, 287

Inertial subrange, 161

k-epsilon model, 81

Laboratory simulations, 369, 387
Lagrangian
  Dispersion model, 43
  Time scale, 43
Large-eddy simulation, 161, 187
Lidar, 249
Localised near-field theory, 43
Lyapunov exponent, 187

Mars Pathfinder, 305
Mass fluxes, 347
Mesoscale model, 111, 249
Monin–Obukhov theory, 305
Mountaineous terrain, 249

Neural network, 411
Neutral Ekman layer, 321
Nocturnal fog, 273
North Sea, 411
Numerical model
  BLASIUS, 427
  k-epsilon, 81

LES, 161, 187
One-dimensional, 305
One-equation turbulent, 81, 321
SVAT, 43
Turbulent closure, 81
Two-equation turbulent, 321

Pathfinder sites, 305
Pressure spectrum, 161

Radiative heat transfer, 273
Relative dispersion, 187
Richardson's law, 187
Roughness sublayer, 111

Saltation, 347
Scalar
Concentration, 43
Fluxes, 369
Shear stress, 347, 411
Snowdrift, 347
Spectral constant, 161
Spectrum
Constant, 161
Pressure, 161
STAAARTE, 249
Streamline coordinates, 1
SVAT model, 43

Topography, 287
Turbulent
Closure, 81, 427
Fluxes, 1, 43
Length scale, 321
Spectra, 225

Urban
Boundary layer, 111
Street canyon, 369

Von Karman vortices, 287
Vortices, 287

Wind observations, 287
Wind speed profile, 111
Wind-tunnel observations, 369, 427
Wind-wave stress, 411